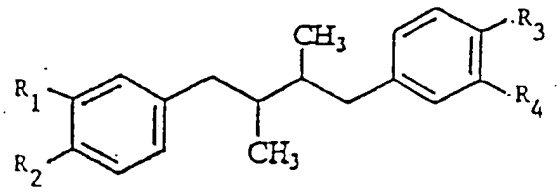
AMENDMENT TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1-8. (Canceled)

9. (Currently amended) A method for treating leukemia, said method comprising the steps of: (a) providing a composition comprising an effective amount of a compound of formula



wherein R_1, R_2, R_3, and R_4 ~~independently~~ are identical and represent ~~-OH,~~ $-OCH_3$, ~~-O(C=O)CH3,~~ or a substituted or unsubstituted amino acid residue or salt thereof~~, but are not each OH simultaneously~~; and (b) administering the composition to an individual in need of treatment.

10. (Previously presented) The method of claim 9, wherein the individual is a mammal.

11-14. (Cancelled)

15. (Previously presented) The method of claim 10, wherein said mammal is a human.

16-17. (Cancelled)

18. (Previously presented) The method of claim 9, wherein said compound is administered along with at least one pharmaceutically acceptable excipient or carrier.

19. (Previously presented) The method of claim 18, wherein said excipient or carrier is dimethylsulfoxide.

20. (Previously presented) The method of claim 9, wherein said compound is tetra-O-methyl nordihydroguaiaretic acid or *meso*-1,4-bis[3,4-(dimethylaminoacetoxy)phenyl]-(2R,3S)-dimethylbutane.

21. (Cancelled)

22. (Withdrawn) A method of suppressing Sp1 regulated promoter activity in a cell comprising the steps of: (a) providing a composition comprising tetra-O-methyl nordihydroguaiaretic acid (M_4N); and (b) exposing the cell to a concentration of M_4N, wherein concentration of M_4N is a number greater than 0 μM.

23. (Withdrawn) The method of claim 22, wherein the M_4N concentration is selected from the group consisting of: at least about 10 μM, at least about 20 μM, at least about 30 μM, at least about 40 μM, at least about 50 μM and at least about 60 μM.

24. (Withdrawn) A method of suppressing Sp1 regulated promoter activity in a cell comprising the steps of: (a) providing a composition comprising tetra-glycinyl NDGA (G_4N); and (b) exposing the cell to a concentration of G_4N, wherein concentration of G_4N is a number greater than 0 μM.

25. (Withdrawn) The method of claim 24, wherein the G_4N concentration is selected from the group consisting of: at least 20 μM, at least 40 μM, at least 60 μM, at least 80 μM and at least 100 μM.

26. (Withdrawn) The method of claim 24, wherein the G_4N concentration is selected from the group consisting of: at least about 0.25 mM, at least about 0.5 mM, at least about 0.75 mM, at least about 1.0 mM, at least about 1.25 mM, at least about 1.5 mM, and at least about 1.75 mM.

27. (Withdrawn) A method of suppressing tumor cell growth comprising the steps of: (a) providing a composition comprising tetra-O-methyl nordihydroguaiaretic acid (M_4N); and (b) exposing the tumor cell to a concentration of M_4N, wherein concentration of M_4N is a number greater than 0 μM.

28. (Withdrawn) The method of claim 27, wherein the concentration of M_4N is selected from the group consisting of at least about 10 μM, at least about 20 μM, at least about 30 μM, at least about 40 μM, at least about 50 μM, at least about 60 μM, at least about 70 μM, at least about 80 μM, at least about 90 μM, and at least about 100 μM.

29. (Withdrawn) The method of claim 27, wherein the step of exposing the tumor cell to a concentration of M_4N comprises exposing the tumor cell for a number of hours greater than 0.

30. (Withdrawn) The method of claim 29, wherein the number of hours is selected from the group consisting of at least about 24 hr, at least about 48 hr, and at least about 70 hr.

31. (Withdrawn) The method of claim 29, wherein the number of hours is at least 72.

32. (Previously presented) The method of claim 9, wherein the effective amount of the compound is selected from the group consisting of: at least 20 μM, at least 40 μM, at least 60 μM, at least 80 μM and at least 100 μM.

33. (Previously presented) The method of claim 9, wherein the effective amount of the compound is selected from the group consisting of at least about 10 μM, at least about 20 μM, at least about 30 μM, at least about 40 μM, at least about 50 μM, at least about 60 μM, at least about 70 μM, at least about 80 μM, at least about 90 μM, and at least about 100 μM.